X Allen Li

List of Publications by Year
in descending order

156	6,971	53202	70222
papers	citations	45 h-index	77 g-index

163	163	163	7313
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Radiation Doseâ€“Volume Effects in the Stomach and Small Bowel. International Journal of Radiation Oncology Biology Physics, 2010, 76, S101-S107.	0.8	467
2	Variability of Target and Normal Structure Delineation for Breast Cancer Radiotherapy: An RTOG Multi-Institutional and Multiobserver Study. International Journal of Radiation Oncology Biology Physics, 2009, 73, 944-951.	0.8	330
3	Extending the linearâ€“quadratic model for large fraction doses pertinent to stereotactic radiotherapy. Physics in Medicine and Biology, 2004, 49, 4825-4835.	3.0	311
4	How low is the Î±/Î² ratio for prostate cancer?. International Journal of Radiation Oncology Biology Physics, 2003, 55, 194-203.	0.8	293
5	Significant Reduction of Late Toxicities in Patients With Extremity Sarcoma Treated With Image-Guided Radiation Therapy to a Reduced Target Volume: Results of Radiation Therapy Oncology Group RTOG-0630 Trial. Journal of Clinical Oncology, 2015, 33, 2231-2238.	15.4	226
6	The use and QA of biologically related models for treatment planning: Short report of the TG-166 of the therapy physics committee of the AAPM. Medical Physics, 2012, 39, 1386-1409.	2.9	210
7	Impact of prolonged fraction delivery times on tumor control: A note of caution for intensity-modulated radiation therapy (IMRT). International Journal of Radiation Oncology Biology Physics, 2003, 57, 543-552.	0.8	195
8	Technical and dosimetric aspects of respiratory gating using a pressure-sensor motion monitoring system. Medical Physics, 2005, 33, 145-154.	2.9	155
9	The transformation of radiation oncology using real-time magnetic resonance guidance: A review. European Journal of Cancer, 2019, 122, 42-52.	2.9	146
10	Simple Factors Associated With Radiation-Induced Lung Toxicity After Stereotactic Body Radiation Therapy of the Thorax: A Pooled Analysis of 88 Studies. International Journal of Radiation Oncology Biology Physics, 2016, 95, 1357-1366.	0.8	142
11	Adaptive Radiation Therapy (ART) Strategies and Technical Considerations: A State of the ART Review From NRG Oncology. International Journal of Radiation Oncology Biology Physics, 2021, 109, 1054-1075.	0.8	136
12	Magnetic Resonance Imaging-Guided Adaptive Radiation Therapy: A â€œGame Changerâ€•for Prostate Treatment?. International Journal of Radiation Oncology Biology Physics, 2018, 100, 361-373.	0.8	135
13	Comprehensive MRI simulation methodology using a dedicated MRI scanner in radiation oncology for external beam radiation treatment planning. Medical Physics, 2015, 42, 28-39.	2.9	124
14	Interfractional Variations in Patient Setup and Anatomic Change Assessed by Daily Computed Tomography. International Journal of Radiation Oncology Biology Physics, 2007, 68, 581-591.	0.8	114
15		2.9	111
16	A machine learning based delta-radiomics process for early prediction of treatment response of pancreatic cancer. Npj Precision Oncology, 2019, 3, 25.	5.5	110
17	Evaluation of a commercial biologically based IMRT treatment planning system. Medical Physics, 2008, 35, 5851-5860.	2.9	99
18	Automatic Seizure Detection using Fully Convolutional Nested LSTM. International Journal of Neural Systems, 2020, 30, 2050019.	6.0	95

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19	Tools for consensus analysis of expertsâ€™ contours for radiotherapy structure definitions. Radiotherapy and Oncology, 2010, 97, 572-578.	0.6	92
20	Characterization and Management of Interfractional Anatomic Changes for Pancreatic Cancer Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2012, 83, e423-e429.	0.8	90
21	Online Adaptive Replanning Method for Prostate Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2010, 77, 1561-1572.	0.8	83
22	Radiation Therapy for Treatment of Soft Tissue Sarcoma in Adults: Executive Summary of an ASTRO Clinical Practice Guideline. Practical Radiation Oncology, 2021, 11, 339-351.	2.1	75
23	4D-MRI driven MR-guided online adaptive radiotherapy for abdominal stereotactic body radiation therapy on a high field MR-Linac: Implementation and initial clinical experience. Clinical and Translational Radiation Oncology, 2020, 23, 72-79.	1.8	73
24	Characterizing Interfraction Variations and Their Dosimetric Effects in Prostate Cancer Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2011, 79, 909-914.	0.8	67
25	Auto-segmentation of pancreatic tumor in multi-parametric MRI using deep convolutional neural networks. Radiotherapy and Oncology, 2020, 145, 193-200.	0.6	64
26	Assessment of treatment response during chemoradiation therapy for pancreatic cancer based on quantitative radiomic analysis of daily CTs: An exploratory study. PLoS ONE, 2017, 12, e0178961.	2.5	64
27	Dosimetric advantages of IMRT simultaneous integrated boost for high-risk prostate cancer. International Journal of Radiation Oncology Biology Physics, 2005, 61, 1251-1257.	0.8	63
28	Organs at Risk Considerations for Thoracic Stereotactic Body Radiation Therapy: What Is Safe for Lung Parenchyma?. International Journal of Radiation Oncology Biology Physics, 2021, 110, 172-187.	0.8	60
29	Machine QA for the Elekta Unity system: A Report from the Elekta MRâ€linac consortium. Medical Physics, 2021, 48, e67-e85.	2.9	60
30	Intra- and Interfractional Variations for Prone Breast Irradiation: An Indication for Image-Guided Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2007, 69, 910-917.	0.8	59
31	Estimate of Radiobiologic Parameters From Clinical Data for Biologically Based Treatment Planning for Liver Irradiation. International Journal of Radiation Oncology Biology Physics, 2008, 70, 900-907.	0.8	59
32	BGRT: Biologically guided radiation therapyâ€”The future is fast approaching!. Medical Physics, 2007, 34, 3739-3751.	2.9	58
33	Magnetic resonance linear accelerator technology and adaptive radiation therapy: An overview for clinicians. Ca-A Cancer Journal for Clinicians, 2022, 72, 34-56.	260.6	57
34	A Monte Carlo calculation of dosimetric parameters of 90Sr/90Y and 192Ir SS sources for intravascular brachytherapy. Medical Physics, 2000, 27, 2528-2535.	2.9	55
35	Precision Oncology and Genomically Guided Radiation Therapy: A Report From the American Society for Radiation Oncology/American Association of Physicists in Medicine/National Cancer Institute Precision Medicine Conference. International Journal of Radiation Oncology Biology Physics, 2018, 101, 274-284.	0.8	54
36	Evaluation of external beam radiotherapy and brachytherapy for localized prostate cancer using equivalent uniform dose. Medical Physics, 2002, 30, 34-40.	2.9	53

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37	Initial clinical experience of Stereotactic Body Radiation Therapy (SBRT) for liver metastases, primary liver malignancy, and pancreatic cancer with 4D-MRI based online adaptation and real-time MRI monitoring using a 1.5 Tesla MR-Linac. PLoS ONE, 2020, 15, e0236570.	2.5	52
38	An estimation of radiobiologic parameters from clinical outcomes for radiation treatment planning of brain tumor. International Journal of Radiation Oncology Biology Physics, 2006, 64, 1570-1580.	0.8	51
39	Technical Note: Dose effects of 1.5 T transverse magnetic field on tissue interfaces in MRI-guided radiotherapy. Medical Physics, 2016, 43, 4797-4802.	2.9	51
40	A systematic evaluation of air cavity dose perturbation in megavoltage x-ray beams. Medical Physics, 2000, 27, 1011-1017.	2.9	50
41	Monte Carlo dose calculations of beta-emitting sources for intravascular brachytherapy: A comparison between EGS4, EGSnrc, and MCNP. Medical Physics, 2001, 28, 134-141.	2.9	50
42	Optimized intensity-modulated arc therapy for prostate cancer treatment. International Journal of Cancer, 2001, 96, 379-384.	5.4	47
43	Radiotherapy dose perturbation of metallic esophageal stents. International Journal of Radiation Oncology Biology Physics, 2002, 54, 1276-1285.	0.8	47
44	Impact of Computed Tomography Image Quality on Image-Guided Radiation Therapy Based on Soft Tissue Registration. International Journal of Radiation Oncology Biology Physics, 2012, 82, e733-e738.	0.8	47
45	NCTN Assessment on Current Applications of Radiomics in Oncology. International Journal of Radiation Oncology Biology Physics, 2019, 104, 302-315.	0.8	47
46	Automated registration of large deformations for adaptive radiation therapy of prostate cancer. Medical Physics, 2009, 36, 1433-1441.	2.9	46
47	Improved critical structure sparing with biologically based IMRT optimization. Medical Physics, 2009, 36, 1790-1799.	2.9	46
48	4776-4790.	2.9	46
49	Tumor control probability modeling for stereotactic body radiation therapy of early-stage lung cancer using multiple bio-physical models. Radiotherapy and Oncology, 2017, 122, 286-294.	0.6	46
50	Dose escalation in permanent brachytherapy for prostate cancer: dosimetric and biological considerations. Physics in Medicine and Biology, 2003, 48, 2753-2765.	3.0	45
51	Development of an online adaptive solution to account for inter- and intra-fractional variations. Radiotherapy and Oncology, 2011, 100, 370-374.	0.6	44
52	Analysis of a large number of clinical studies for breast cancer radiotherapy: estimation of radiobiological parameters for treatment planning. Physics in Medicine and Biology, 2003, 48, 3307-3326.	3.0	43
53	Magnetic Resonance-based Response Assessment and Dose Adaptation in Human Papilloma Virus Positive Tumors of the Oropharynx treated with Radiotherapy (MR-ADAPTOR): An R-IDEAL stage 2a-2b/Bayesian phase II trial. Clinical and Translational Radiation Oncology, 2018, 13, 19-23.	1.8	42
54	Feasibility of realâ€time motion tracking using cine MRI during MRâ€guided radiation therapy for abdominal targets. Medical Physics, 2020, 47, 3554-3566.	2.9	41

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55	Improving Treatment Response Prediction for Chemoradiation Therapy of Pancreatic Cancer Using a Combination of Delta-Radiomics and the Clinical Biomarker CA19-9. Frontiers in Oncology, 2019, 9, 1464.	2.9	41
56	Variability of Target and Normal Structure Delineation Using Multimodality Imaging for Radiation Therapy of Pancreatic Cancer. International Journal of Radiation Oncology Biology Physics, 2014, 89, 633-640.	0.8	38
57	MRI-based IMRT planning for MR-linac: comparison between CT- and MRI-based plans for pancreatic and prostate cancers. Physics in Medicine and Biology, 2016, 61, 3819-3842.	3.0	38
58	Correlation of ADC With Pathological Treatment Response for Radiation Therapy of Pancreatic Cancer. Translational Oncology, 2018, 11, 391-398.	3.8	38
59	Radiation dose responses for chemoradiation therapy of pancreatic cancer: An analysis of compiled clinical data using biophysical models. Practical Radiation Oncology, 2014, 4, 13-19.	2.1	37
60	Local Control After Stereotactic Body Radiation Therapy for Stage I Non-Small Cell Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2021, 110, 160-171.	0.8	37
61	Variations of MRI-assessed peristaltic motions during radiation therapy. PLoS ONE, 2018, 13, e0205917.	2.5	35
62	Maximizing Tumor Control and Limiting Complications With Stereotactic Body Radiation Therapy for Pancreatic Cancer. International Journal of Radiation Oncology Biology Physics, 2021, 110, 206-216.	0.8	32
63	Over the next decade the success of radiation treatment planning will be judged by the immediate biological response of tumor cells rather than by surrogate measures such as dose maximization and uniformity. Medical Physics, 2005, 32, 2189-2192.	2.9	31
64	Management of Respiration-Induced Motion With 4-Dimensional Computed Tomography (4DCT) for Pancreas Irradiation. International Journal of Radiation Oncology Biology Physics, 2013, 86, 908-913.	0.8	31
65	Technical Note: Development and performance of a software tool for quality assurance of online replanning with a conventional Linac or MRâ€Linac. Medical Physics, 2016, 43, 1713-1719.	2.9	30
66	Stereotactic Body Radiation Therapy for Spinal Metastases: Tumor Control Probability Analyses and Recommended Reporting Standards. International Journal of Radiation Oncology Biology Physics, 2021, 110, 112-123.	0.8	30
67	Sensorineural Hearing Loss after Combined Intensity Modulated Radiation Therapy and Cisplatin-Based Chemotherapy for Nasopharyngeal Carcinoma. Translational Oncology, 2015, 8, 456-462.	3.8	28
68	Technical Note: Comprehensive performance tests of the first clinical realâ€time motion tracking and compensation system using MLC and jaws. Medical Physics, 2020, 47, 2814-2825.	2.9	28
69	A planning comparison of 7 irradiation options allowed in RTOG 1005 for early-stage breast cancer. Medical Dosimetry, 2015, 40, 21-25.	0.8	27
70	A Patient-Specific Autosegmentation Strategy Using Multi-Input Deformable Image Registration for Magnetic Resonance Imagingâ€"Guided Online Adaptive RadiationÂTherapy: A Feasibility Study. Advances in Radiation Oncology, 2020, 5, 1350-1358.	1.2	27
71	Respiratory gating for radiation therapy is not ready for prime time. Medical Physics, 2007, 34, 867-870.	2.9	25
72	Assessment and management of interfractional variations in daily diagnosticâ€qualityâ€CT guided prostateâ€bed irradiation after prostatectomy. Medical Physics, 2014, 41, 031710.	2.9	24

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73	A Comparison of daily megavoltage CT and ultrasound image guided radiation therapy for prostate cancer. Medical Physics, 2008, 35, 5619-5628.	2.9	23
74	Computed Tomography Number Changes Observed During Computed Tomographyâ€“Guided Radiation Therapy for Head and Neck Cancer. International Journal of Radiation Oncology Biology Physics, 2015, 91, 1041-1047.	0.8	23
75	Improving CT quality with optimized image parameters for radiation treatment planning and delivery guidance. Physics and Imaging in Radiation Oncology, 2017, 4, 6-11.	2.8	23
76	A daily endâ€toâ€end quality assurance workflow for MRâ€guided online adaptive radiation therapy on MRâ€Linac. Journal of Applied Clinical Medical Physics, 2020, 21, 205-212.	1.8	23
77	Conformal photon-beam therapy with transverse magnetic fields: A Monte Carlo study. Medical Physics, 2001, 28, 127-133.	2.9	22
78	Statistical Modeling Approach to Quantitative Analysis of Interobserver Variability in Breast Contouring. International Journal of Radiation Oncology Biology Physics, 2014, 89, 214-221.	0.8	22
79	Dynamic wedge versus physical wedge: A Monte Carlo study. Medical Physics, 2001, 28, 612-619.	2.9	21
80	PET-based Treatment Response Assessment for Neoadjuvant Chemoradiation in Pancreatic Adenocarcinoma: An Exploratory Study. Translational Oncology, 2018, 11, 1104-1109.	3.8	21
81	Clinical Implementation and Initial Experience of Real-Time Motion Tracking With Jaws and Multileaf Collimator During Helical Tomotherapy Delivery. Practical Radiation Oncology, 2021, 11, e486-e495.	2.1	21
82	Development of an inverse optimization package to plan nonuniform dose distributions based on spatially inhomogeneous radiosensitivity extracted from biological images. Medical Physics, 2007, 34, 1198-1205.	2.9	20
83	Validation of an online replanning technique for prostate adaptive radiotherapy. Physics in Medicine and Biology, 2011, 56, 3659-3668.	3.0	20
84	An analysis of tumor control probability of stereotactic body radiation therapy for lung cancer with a regrowth model. Physics in Medicine and Biology, 2016, 61, 3903-3913.	3.0	20
85	Technical Note: Is bulk electron density assignment appropriate for MRI-only based treatment planning for lung cancer?. Medical Physics, 2017, 44, 3437-3443.	2.9	20
86	Anatomic, functional and molecular imaging in lung cancer precision radiation therapy: treatment response assessment and radiation therapy personalization. Translational Lung Cancer Research, 2017, 6, 670-688.	2.7	20
87	Accumulating dailyâ€varied dose distributions of prostate radiation therapy with softâ€tissueâ€“based kV CT guidance. Journal of Applied Clinical Medical Physics, 2012, 13, 98-107.	1.8	19
88	Margin reduction from image guided radiation therapy for soft tissue sarcoma: Secondary analysis of Radiation Therapy Oncology Group 0630 results. Practical Radiation Oncology, 2016, 6, e135-e140.	2.1	19
89	Early Assessment of Treatment Responses During Radiation Therapy for Lung Cancer Using Quantitative Analysis of Daily Computed Tomography. International Journal of Radiation Oncology Biology Physics, 2017, 98, 463-472.	0.8	19
90	Time stability of deltaâ€radiomics features and the impact on patient analysis in longitudinal CT images. Medical Physics, 2019, 46, 1663-1676.	2.9	19

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91	Monte Carlo characterization of a 32P source for intravascular brachytherapy. Medical Physics, 2001, 28, 1776-1785.	2.9	18
92	Internal margin assessment using cine MRI analysis of deglutition in head and neck cancer radiotherapy. Medical Physics, 2011, 38, 1740-1747.	2.9	18
93	Measurement validation of treatment planning for a MRâ€Linac. Journal of Applied Clinical Medical Physics, 2019, 20, 28-38.	1.8	18
94	General and custom deep learning autosegmentation models for organs in head and neck, abdomen, and male pelvis. Medical Physics, 2022, 49, 1686-1700.	2.9	18
95	Reducing loss in lateral charged-particle equilibrium due to air cavities present in x-ray irradiated media by using longitudinal magnetic fields. Medical Physics, 2001, 28, 603-611.	2.9	17
96	Gradient maintenance: A new algorithm for fast online replanning. Medical Physics, 2015, 42, 2863-2876.	2.9	17
97	Dosimetric effects of contrast media for catheter-based intravascular brachytherapy. Medical Physics, 2001, 28, 757-763.	2.9	15
98	Adaptive Replanning to Account for Lumpectomy Cavity Change in Sequential Boost After Whole-Breast Irradiation. International Journal of Radiation Oncology Biology Physics, 2014, 90, 1208-1215.	0.8	15
99	Preliminary results on the feasibility of using ultrasound to monitor intrafractional motion during radiation therapy for pancreatic cancer. Medical Physics, 2016, 43, 5252-5260.	2.9	15
100	Textureâ€based, automatic contour validation for online adaptive replanning: A feasibility study on abdominal organs. Medical Physics, 2019, 46, 4010-4020.	2.9	15
101	Combined online and offline adaptive radiation therapy: A dosimetric feasibility study. Practical Radiation Oncology, 2014, 4, e75-e83.	2.1	14
102	Technical Note: A fast online adaptive replanning method for VMAT using flattening filter free beams. Medical Physics, 2016, 43, 2756-2764.	2.9	14
103	Reducing radiation dose and enhancing imaging quality of 4DCT for radiation therapy using iterative reconstruction algorithms. Advances in Radiation Oncology, 2017, 2, 515-521.	1.2	14
104	Dosimetric effects of source-offset in intravascular brachytherapy. Medical Physics, 2002, 29, 530-537.	2.9	13
105	Comparison of Various Online Strategies to Account for Interfractional Variations for Pancreatic Cancer. International Journal of Radiation Oncology Biology Physics, 2013, 86, 914-921.	0.8	13
106	A Comparison of Lumpectomy Cavity Delineations Between Use of Magnetic Resonance Imaging and Computed Tomography Acquired With Patient in Prone Position for Radiation Therapy Planning of Breast Cancer. International Journal of Radiation Oncology Biology Physics, 2016, 94, 832-840.	0.8	13
107	A Technique to Rapidly Generate Synthetic Computed Tomography for Magnetic Resonance Imagingâ€“Guided Online Adaptive Replanning: An Exploratory Study. International Journal of Radiation Oncology Biology Physics, 2019, 103, 1261-1270.	0.8	13
108	Automatic Contour Refinement for Deep Learning Auto-segmentation of Complex Organs in MRI-guided Adaptive Radiation Therapy. Advances in Radiation Oncology, 2022, 7, 100968.	1.2	12

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109	Determination of Internal Target Volume for Radiation Treatment Planning of Esophageal Cancer by Using 4-Dimensional Computed Tomography (4DCT). International Journal of Radiation Oncology Biology Physics, 2014, 90, 102-109.	0.8	11
110	Improving Structure Delineation for Radiation Therapy Planning Using Dual-Energy CT. Frontiers in Oncology, 2020, 10, 1694.	2.9	11
111	Dose effects of stents in intravascular brachytherapy for in-stent restenosis: a Monte Carlo calculation. International Journal of Radiation Oncology Biology Physics, 2003, 55, 842-848.	0.8	10
112	Consolidating duodenal and small bowel toxicity data via isoeffective dose calculations based on compiled clinical data. Practical Radiation Oncology, 2014, 4, e125-e131.	2.1	10
113	Feasibility of realâ€time lung tumor motion monitoring using intrafractional ultrasound and <scp>kV</scp> cone beam projection images. Medical Physics, 2018, 45, 4619-4626.	2.9	10
114	Deep Learning-Based Automatic Detection of Brain Metastases in Heterogenous Multi-Institutional Magnetic Resonance Imaging Sets: An Exploratory Analysis of NRG-CC001. International Journal of Radiation Oncology Biology Physics, 2022, 114, 529-536.	0.8	10
115	Technical Note: Enhancing soft tissue contrast and radiationâ€induced image changes with dualâ€energy CT for radiation therapy. Medical Physics, 2018, 45, 4238-4245.	2.9	9
116	Online adaptive planning for prostate cancer radiotherapy is necessary and ready now. Medical Physics, 2014, 41, 080601.	2.9	8
117	Radiation-induced CT number changes in GTV and parotid glands during the course of radiation therapy for nasopharyngeal cancer. British Journal of Radiology, 2016, 89, 20140819.	2.3	8
118	Technical Note: Acceleration of online adaptive replanning with automation and parallel operations. Medical Physics, 2018, 45, 4370-4376.	2.9	8
119	Indications of Online Adaptive Replanning Based On Organ Deformation. Practical Radiation Oncology, 2020, 10, e95-e102.	2.1	8
120	Dose effect of guidewire position in intravascular brachytherapy. Physics in Medicine and Biology, 2002, 47, 1733-1740.	3.0	7
121	Appropriate magnetic resonance imaging techniques for gross tumor volume delineation in external beam radiation therapy of locally advanced cervical cancer. Oncotarget, 2018, 9, 10100-10109.	2.1	7
122	Technical Note: Using virtual noncontrast images from dualâ€energy CT to eliminate the need of precontrast CT for xâ€ray radiation treatment planning of abdominal tumors^{â€}. Medical Physics, 2021, 48, 1365-1371.	2.9	7
123	Use of a DVH overlay technique for quality assurance of deformable image registrationâ€based dose accumulation. Medical Physics, 2022, 49, 611-623.	2.9	7
124	Evaluation of interfraction patient setup errors for image-guided prostate and head-and-neck radiotherapy using kilovoltage cone beam and megavoltage fan beam computed tomography. Journal of Radiotherapy in Practice, 2013, 12, 334-343.	0.5	6
125	Correlation of CT texture changes with treatment response during radiation therapy for esophageal cancer: An exploratory study. PLoS ONE, 2019, 14, e0223140.	2.5	6
126	The Dosimetric Impact of Interfractional Organ-at-Risk Movement During Liver Stereotactic Body Radiation Therapy. Practical Radiation Oncology, 2019, 9, e549-e558.	2.1	6

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127	Radiation-induced lung damage in patients treated with stereotactic body radiotherapy after EGFR-TKIs: is there any difference from stereotactic body radiotherapy alone?. Annals of Palliative Medicine, 2021, 10, 2832-2842.	1.2	6
128	Improving patient-specific dosimetry for intravascular brachytherapy. Brachytherapy, 2005, 4, 291-297.	0.8	5
129	A fast 4D <scp>IMRT</scp>/<scp>VMAT</scp> planning method based on segment aperture morphing. Medical Physics, 2018, 45, 1594-1602.	2.9	5
130	High dose radiation therapy based on normal tissue constraints with concurrent chemotherapy achieves promising survival of patients with unresectable stage III non-small cell lung cancer. Radiotherapy and Oncology, 2020, 145, 7-12.	0.6	5
131	Peak scatter factors for high energy photon beams. Medical Physics, 1999, 26, 962-966.	2.9	4
132	Radiation Oncology Physicists Will Need to Better Understand Medical Imaging. Journal of the American College of Radiology, 2007, 4, 40-44.	1.8	4
133	Management of independent motion between multiple targets in lung cancer radiation therapy. Practical Radiation Oncology, 2017, 7, 26-34.	2.1	4
134	Kinetic modeling of tumor regression incorporating the concept of cancer stem-like cells for patients with locally advanced lung cancer. Theoretical Biology and Medical Modelling, 2018, 15, 23.	2.1	4
135	Patterns of Failure Observed in the 2-Step Institution Credentialing Process for NRG Oncology/Radiation Therapy Oncology Group 1005 (NCT01349322) and Lessons Learned. Practical Radiation Oncology, 2020, 10, 265-273.	2.1	4
136	Automated air region delineation on MRI for synthetic CT creation. Physics in Medicine and Biology, 2020, 65, 025009.	3.0	4
137	A Prior Knowledge-Guided, Deep Learning-Based Semiautomatic Segmentation for Complex Anatomy on Magnetic Resonance Imaging. International Journal of Radiation Oncology Biology Physics, 2022, 114, 349-359.	0.8	4
138	Development and implementation of an automatic air delineation technique for MRI-guided adaptive radiation therapy. Physics in Medicine and Biology, 2022, 67, 145011.	3.0	4
139	A graphical approach to optimizing variable-kernel smoothing parameters for improved deformable registration of CT and cone beam CT images. Physics in Medicine and Biology, 2017, 62, 6246-6260.	3.0	3
140	A Fast Online Replanning Algorithm Based on Intensity Field Projection for Adaptive Radiotherapy. Frontiers in Oncology, 2020, 10, 287.	2.9	3
141	Tumor Control Probability Modeling for Radiation Therapy of Keratinocyte Carcinoma. Frontiers in Oncology, 2021, 11, 621641.	2.9	3
142	The Role of Image Guided Radiotherapy in the Treatment of Soft Tissue Sarcoma. Current Cancer Therapy Reviews, 2010, 6, 207-213.	0.4	3
143	Multiâ€parametric magnetic resonance imaging for radiation treatment planning. Medical Physics, 2022, 49, 2836-2845.	2.9	3
144	Autoâ€detection of necessity for MRIâ€guided online adaptive replanning using a machine learning classifier. Medical Physics, 2023, 50, 440-448.	2.9	3

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145	Deep learning based automatic contour refinement for inaccurate auto-segmentation in MR-guided adaptive radiotherapy. Physics in Medicine and Biology, 2023, 68, 055004.	3.0	2
146	Obtaining organ-specific radiobiological parameters from clinical data for radiation therapy planning of head and neck cancers. Physics in Medicine and Biology, 2023, 68, 245015.	3.0	2
147	A preferred patient decubitus positioning for magnetic resonance image guided online adaptive radiation therapy of pancreatic cancer. Physics and Imaging in Radiation Oncology, 2019, 12, 22-29.	2.8	1
148	In Reply to Erguchi et al.. International Journal of Radiation Oncology Biology Physics, 2021, 111, 1089-1090.	0.8	1
149	Automated deep learning auto-segmentation of air volumes for MRI-guided online adaptive radiation therapy of abdominal tumors. Physics in Medicine and Biology, 2023, 68, 125011.	3.0	1
150	Dosimetric effect of contrast media for catheter-based intravascular brachytherapy. , 0, , .		0
151	Estimation of changing gross tumor volume from longitudinal CTs during radiation therapy delivery based on a texture analysis with classifier algorithms: a proof-of-concept study. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1189-1200.	2.1	0
152	Assessment and management of interfraction variations of lumpectomy cavities in accelerated partial breast irradiation. Therapeutic Radiology and Oncology, 0, 3, 13-13.	0.1	0
153	A Patient-Specific Autosegmentation Strategy Using Multi-Input Deformable Image Registration for Magnetic Resonance Imagingâ€“Guided Online Adaptive RadiationÂTherapy: A Feasibility Study. Advances in Radiation Oncology, 2020, 5, 17-25.	1.2	0
154	Mapping transient hypoxia from in situ activation of 15O by photon beams: A simulation study. Radiation Physics and Chemistry, 2020, 172, 108815.	2.8	0
155	SU-E-T-814: Dosimetric Feasibility of Dose Escalation with Gated IG-IMRT for Pancreatic Cancer. Medical Physics, 2011, 38, 3678-3678.	2.9	0
156	SU-G-JeP2-05: Dose Effects of a 1.5T Magnetic Field On Air-Tissue and Lung-Tissue Interfaces in MRI-Guided Radiotherapy. Medical Physics, 2016, 43, 3660-3660.	2.9	0